

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,151,087 B2
APPLICATION NO. : 10/700313
DATED : December 19, 2006
INVENTOR(S) : Combadiere et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page:

On page 2 of the Title Page, under the heading "Other Publications," second column, line 15, "Immunodeficient" should be --Immunodeficiency--.

On page 2 of the Title Page, under the heading "Other Publications," second column, lines 36-38, "Combadiere et al., "Cloning and Functional Expression of a Human Eosinophil CC Chemokine Receptor," *J. Biol. Chem.* 270:16491-16494 (1995)" should be deleted because it duplicates the citation at second column, lines 21-23.

On page 2 of the Title Page, under the heading "Other Publications," second column, lines 39-41, "Feng et al., "HIV-1 Entry Cofactor: Functional cDNA Cloning of a Seven-Transmembrane, G Protein-Coupled Receptor," *Science* 272:872-877 (1996)" should be deleted because it duplicates the citation at second column, lines 24-26.

On page 2 of the Title Page, under the heading "Other Publications," second column, lines 42-43, "Gong et al., "RANTES and MCP-3 Antagonists Bind Multiple Chemokine Receptors," *J. Biol. Chem.* 271:10521-10527 (1996)" should be deleted because it duplicates the citation at second column, lines 27-28.

On page 2 of the Title Page, under the heading "Other Publications," second column, lines 44-46, "Rucker et al., "Regions in β -Chemokine Receptors CCR5 and CCR2b that Determine HIV-1 Cofactor Specificity," *Cell* 87:437-446 (1996)" should be deleted because it duplicates the citation at second column, lines 29-31.

On page 2 of the Title Page, under the heading "Other Publications," second column, lines 47-48, "Database PIR2 Accession No. G02653, Dec. 21, 1990 (also referred to as EMBL Accession No. A43113, Jul. 12, 1996)" should be deleted because it duplicates the citation at second column, lines 32-33.

In the Specification:

Column 2, line 44, "CC CKCR5" should be --CC CKR5--.

Column 4, line 23, "stains" should be --strains--.

Column 5, line 20, "FIV" should be --HIV--.

Column 9, line 2, "Strathem" should be --Strathern--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,151,087 B2
APPLICATION NO. : 10/700313
DATED : December 19, 2006
INVENTOR(S) : Combadiere et al.

Page 2 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10, line 4, "2072" should be --2072--.

Column 10, lines 13-14, "2-(difluoromethyl)-DL-omithine" should be
--2-(difluoromethyl)-DL-ornithine--.

Column 12, line 44, "et al" should be --et al--.

Column 16, line 7, "_LV" should be --V_L--.

Column 16, lines 15-16, "242:423426" should be --242:423-426--.

Column 16, line 59, "HUV" should be --HIV--.

Column 17, line 25, "SEQ ID NO: 4" should be --SEQ ID NO: 5--.

Column 17, line 26, "SEQ ID NO: 5" should be --SEQ ID NO: 6--.

Column 17, line 27, "SEQ ID NO: 6" should be --SEQ ID NO: 7--.

Column 17, line 42, "described Merrifield," should be --described by Merrifield (--.

Column 17, line 59, "spectros-copy" should be --spectroscopy--.

Column 19, line 4, "Lemer" should be --Lerner--.

Column 19, line 8, "HUV-infected" should be --HIV-infected--.

Column 21, lines 10-11, the new paragraph on line 11 beginning with "American Pharmaceutical Association" should not be a new paragraph, but should continue the sentence from line 10.

Column 22, line 4, "PHARMACEUTICAL. SCIENCES" should be
--PHARMACEUTICAL SCIENCES--.

Column 24, line 34, "267 25889-25897" should be --267:25889-25897--.

Column 25, line 44, "1981)" should be --1981))--.

Column 25, line 56, "(Invitrogen (San Diego, Calif.))" should be --(Invitrogen, San Diego, Calif.)--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,151,087 B2
APPLICATION NO. : 10/700313
DATED : December 19, 2006
INVENTOR(S) : Combadiere et al.

Page 3 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 27, line 12, "components the" should be --components of the--.

Column 27, line 20, "ethyl oleate" should be --ethyloleate--.

Column 27, line 25, "include" should be --including--.

Column 28, line 4, "(1993)" should be --(1993)--.

Column 30, line 62, "CDNA" should be --cDNA--.

Column 31, line 41, "(1995)" should be --(1995)--.

Column 33, line 25, "IC₅₀]-5" should be --[IC₅₀] ~5--.

Column 33, line 27, "IC₅₀s-100 and 200" should be -- IC₅₀s ~100 and 200--.

Column 33, line 33, "IC₅₀-80" should be --IC₅₀~80--.

Column 35, line 28, "SEQ ID NO: 4" should be --SEQ ID NO: 5--.

Column 35, line 29, "SEQ ID NO: 5" should be --SEQ ID NO: 6--.

Column 35, line 30, "SEQ ID NO: 6" should be --SEQ ID NO: 7--.

Column 35, line 35, "vaccina-based" should be --vaccinia-based--.

Column 35, line 65, "Sigrna" should be --Sigma--.

Column 36, line 8, "CCR5306" should be --CCR5₃₀₆--.

Column 36, lines 9-10, "3) bases" should be --3 bases--.

Column 36, line 10, "X/io" should be --Xho--.

Column 36, line 46, "5494.)" should be --5494)--.

Column 37, line 9, "antiserun" should be --antiseraum--.

Column 37, line 18, "stras" should be --strains--.

Column 38, line 16, "dovrnodulation" should be --downmodulation--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,151,087 B2
APPLICATION NO. : 10/700313
DATED : December 19, 2006
INVENTOR(S) : Combadiere et al.

Page 4 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 38, line 22, "cheomkine" should be --chemokine--.

In the Claims:

Column 53, line 28, claim 5, "The" should be --A--.

Column 54, line 9, claim 5, "C4" should be --CD4--.

Signed and Sealed this

Twenty-second Day of May, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office